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**PATENT APPLICATION  
DOCKET NO. ACE106.02**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**INVENTOR: Raliegth J. Jensen**

**SERIAL NO.: 09/826,452**

**GROUP ART UNIT: 3724**

**FILED: 04/04/01**

**EXAMINER: C. Dexter**

**SUBJECT: Tensive Cutting Assembly**

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**MAR 14 2003**

**ASSISTANT COMMISSIONER FOR PATENTS**

**Box Non-Fee Amendment  
Washington, DC 20231**

**TECHNOLOGY CENTER R3700**

In response to the Office Action mailed December 17, 2002, Applicant submits the following amendments and remarks.

**AMENDMENTS**

- 1           1.       (Fourth Amendment) A cutting head assembly comprising:
- 2           a cutting head including a first head member including a first set of returns,
- 3           the first head member adjustably connected to a second head member including a
- 4           second set of returns;
- 5           a cutting member connected to the cutting head, the cutting member formed
- 6           of a strip of material including a first end, a second end, a length and a width, [a] the
- 7           first end of the cutting member secured to the cutting head, the length of the cutting
- 8           member positioned about the first set of returns and the second set of returns in a

9 serpentine configuration, a leg of the cutting member extending across an aperture  
10 formed through the cutting head and the second end of the cutting member secured  
11 to the cutting head; and

12 a cutting member tensioning device disposed between and adjustably  
13 engaging the first head member and second head member for adjusting a distance  
14 between the first set of returns and the second set of returns and tensioning the  
15 cutting member.

1 8. (Fourth Amendment) A cutting head assembly comprising:

2 a cutting head including a first head member including a first set of returns,  
3 the first head member opposingly and adjustably connected to a second head  
4 member including a second set of returns;

5 a tensioned blade formed of a strip of material, the first head member  
6 including a first end, a second end, a length, a longitudinal axis and a width, the  
7 tensioned blade positioned about the first set of returns and the second set of  
8 returns in a serpentine configuration, a leg of the tensioned blade extending across  
9 an aperture formed through the cutting head, the first end of the tensioned blade  
10 secured to the cutting head by a first end securing member and the second end of  
11 the tensioned blade secured to the cutting head [at] by a second end securing  
12 member;

13 the first set of returns each including a face that is oriented substantially  
14 perpendicular to the longitudinal axis of the tensioned blade for exerting a  
15 substantially equal tensile force across a full width of the tensioned blade,  
16 substantially reducing stress risers in the tensioned blade;

17 the second set of returns each including a face that is oriented substantially  
18 perpendicular to the longitudinal axis of the tensioned blade for exerting a tensile  
19 force across a full width of the tensioned blade, substantially reducing stress risers in  
20 the tensioned blade; and

21 a tensioning device including one or more screws disposed between and  
22 adjustably engaging the first head member and the second head member, each of

3724

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TRANSMITTAL LETTER  
(General - Patent Pending)Docket No.  
ACE106.02

In Re Application Of: RALIEGH J. JENSEN

Serial No.  
09/826,452Filing Date  
04/04/01Examiner  
C. DEXTERGroup Art Unit  
3724

Title: TENSIVE CUTTING ASSEMBLY

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Transmitted herewith is:

RESPONSE TO OFFICE ACTION MAILED 12/17/02

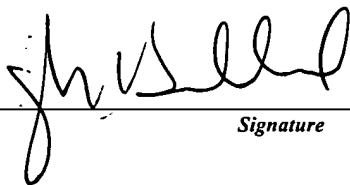
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TECHNOLOGY CENTER R3700

in the above identified application.

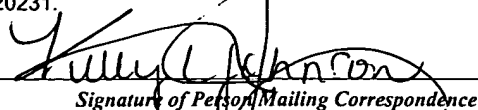
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Dated: February 25, 2003

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